

## CLAIMS

1. An actuator for a pressurised metered dose inhaler, including:  
a tubular section (38) providing an outlet through which medicament is in use inhaled;  
5 and  
a nozzle block (42) including a tubular element (44) having a free end over which the  
valve stem (14) of a canister (2) is in use located and a spray orifice (50) in fluid  
communication with the tubular element (44) for directing a spray into the tubular  
section (38).  
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2. The actuator of claim 1, wherein the tubular element (44) is configured such that an  
outer radial surface thereof is a close fit with an inner radial surface of the valve stem  
(14) of the canister (2).
- 15 3. The actuator of claim 2, wherein the tubular element (44) is configured such that an  
outer radial surface thereof is a tight fit with an inner radial surface of the valve stem  
(14) of the canister (2).
4. The actuator of any of claims 1 to 3, wherein the tubular element (44) is of circular  
20 section.
5. The actuator of any of claims 1 to 4, wherein the nozzle block (42) includes an  
abutment against which in use bears the distal end of the valve stem (14) of the  
canister (2).  
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6. The actuator of claim 5, wherein the abutment comprises a surface (49) which extends  
radially outwardly of the tubular element (44).
7. The actuator of any of claims 1 to 6, wherein the nozzle block (42) includes a further  
30 tubular element (46) co-axial with the first-mentioned tubular element (44) such that

the tubular elements (44, 46) define an annular channel (48) in which the valve stem (14) of the canister (2) is in use located.

8. The actuator of claim 7, wherein the further tubular element (46) is configured such  
5 that an inner radial surface thereof is a close fit with an outer radial surface of the valve stem (14) of the canister (2).
9. The actuator of claim 8, wherein the further tubular element (46) is configured such  
10 that an inner radial surface thereof is a tight fit with an outer radial surface of the valve stem (14) of the canister (2).
10. The actuator of any of claims 7 to 9, wherein the further tubular element (46) is of circular section.
- 15 11. A pressurised metered dose inhaler comprising the actuator of any of claims 1 to 10 and a canister (2) including a valve stem (14) extending therefrom.